

K-1775
PATENT

In re Application of Montgomery, Jr.)
Serial No. 09/742,715) Art Unit 3673
Filed: December 20, 2000)
RESPONSE ACCOMPANYING REQUEST FOR CONTINUED EXAMINATION

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This listing of claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS:

Claims 1-8 cancelled.

9. (Previously Amended) A cutter tool assembly for attachment to cutting tool machinery comprising:

a bit holder having a T-shaped key shank,

a support block having a T-shaped groove for receiving said bit holder T-shaped key shank, wherein said support block has a symmetric top surfaces flanking said T-shaped groove, said support block having a central vertical axis, said symmetric top surfaces are oriented at least at an angle of 15 degrees with respect to a horizontal plane so as to reduce rotation of the bit holder about said central vertical axis.

Claims 10-12 cancelled.

13. (Previously Amended) The cutter tool assembly according to claim 9, wherein said bit holder includes a bore for receiving a shank of a cutting tool bit, wherein a portion of the length of said bit holder bore is positioned generally aft of the central vertical axis for locating a cutting tip closer to the vertical central axis of the support block limiting the amount of torque applied to said cutter tool assembly during operation.

14. (Previously Amended) The cutter tool assembly according to claim 13, wherein said portion of the length of said bit holder bore positioned aft of said central vertical axis is approximately 75% of the length of said bore.

Claims 15-21 cancelled.

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22. (Previously Amended) A cutter tool assembly for attachment to cutting tool machinery comprising:

a bit holder having a T-shaped key shank,

a support block having a T-shaped groove for receiving said bit holder T-shaped key shank, wherein said support block has symmetric top surfaces flanking said T-shaped groove, said support block having a central vertical axis, said symmetric top surfaces are oriented at an angle of at least 15 degrees with respect to the horizontal plane so as to reduce rotation of the bit holder about said central vertical axis,

wherein said bit holder includes a bore for receiving a shank of a cutting tool bit, said cutting tool bit having a tip end opposite said shank,

wherein a 75% portion of the length of said bit holder bore is positioned generally aft of the central vertical axis for locating the cutting tip closer to the central vertical axis of the support block limiting the amount of torque applied to said cutter tool assembly during operation.

Claim 23 cancelled

24. (Previously Amended) A cutter tool assembly for attachment to cutting tool machinery comprising:

a cutting bit having a cutting tip,

a bit holder having a T-shaped key shank,

a support block having a T-shaped groove receiving said bit holder T-shaped key shank, wherein said support block has symmetric top surfaces flanking said T-shaped groove, said support block having a central vertical axis, said symmetric top surfaces are oriented at least at an angle of 15 degrees with respect to a horizontal plane so as to reduce rotation of the bit holder about said central vertical axis,

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wherein said bit holder includes a bore for receiving a shank of said
cutting tool bit,

wherein a portion of the length of said bit holder bore is positioned
generally aft of the central vertical axis for locating said cutting tip closer to the central
vertical axis of the support block limiting the amount of torque applied to said cutter tool
assembly during operation.

Claims 25-34 cancelled.